Mindluster Platform

About the course Information Theory Basics

Information Theory course in hindi, In this course we'll explore Information Theory, a fundamental concept in data communication and coding theory.

Computer Science Category's Courses

Course Lesson(22)

Lesson 1 : **Information Basics Definition Uncertainty Properties in Digital Communication**

Lesson 2 : **Examples on Information in Digital Communication by Engineering Funda**

Lesson 3 : **Entropy basics Definition Properties in Digital Communication by Engineering Funda**

Lesson 4 : **Entropy basics Definition Properties in Digital Communication by Engineering Funda**

Lesson 5 :
Entropy source efficiency redundancy information rate in digital communication by Engineerin

Lesson 6 : **Shannon Fano Encoding Algorithm Procedure Example Information Theory Error Coding**

Lesson 7 :
Shannon Fano Encoding Example Information Theory Error Coding in Digital Communication

Lesson 8 :
Shannon Fano Encoding Example on Ambiguity Information Theory Error Coding in Digital Commun

Lesson 9 : **Huffman Coding Algorithm Procedure Example Information Theory Error Coding**

Lesson 10 : **Huffman Coding Algorithm Example on ternary codes Information Theory Error Coding**

Lesson 11 :
Huffman Coding Algorithm procedure Example on Quaternary Codes Information Theory

Lesson 12 : **1 Lempel Ziv Coding Procedure of Lempel Ziv Coding Example of Lempel Ziv Coding**

Lesson 13 : **2 Lempel Zip Coding Procedure of Lempel Ziv Coding Example of Lempel Ziv Coding**

Lesson 14 :
Channel Capacity by Shannon Hartley and Proof of channel Capacity by Shannon Hartley

Lesson 15 :
Example on Channel Capacity by Shannon Hartley in Digital Communication by Engineering Funda

Lesson 16 : **Probability basics Example in Random Variables by Engineering Funda**

Lesson 17 : **Mean Variance Standard Deviation in Random Variable by Engineering Funda**

Lesson 18 : **Example on Mean Variance Standard Deviation in Random Variable**

Lesson 19 :
Cumulative Distribution Function CDF Probability Density Function PDF in Random Variable

Lesson 20 : **Examples on CDF and PDF in Random Variable by Engineering Funda**

Lesson 21 : **Examples on CDF and PDF in Random Variable by Engineering Funda**

Lesson 22 : **Examples on CDF and PDF in Random Variable by Engineering Funda**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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